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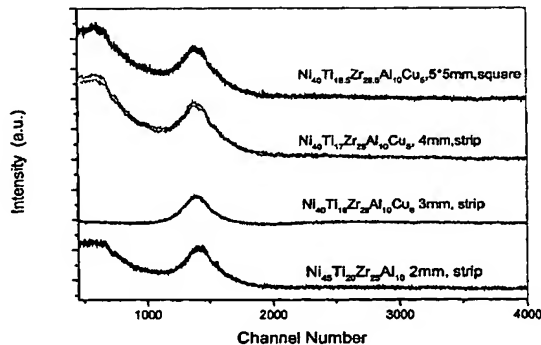
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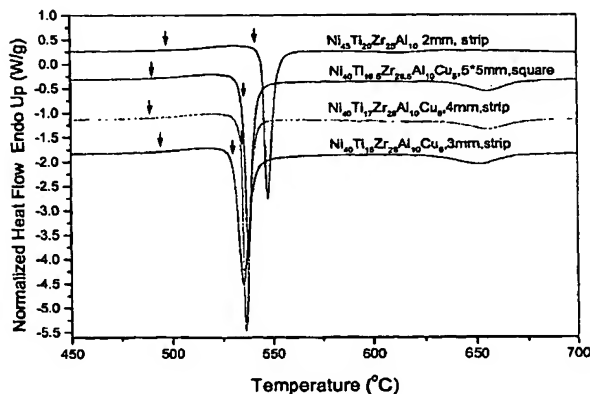
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[Continued on next page]

(54) Title: BULK AMORPHOUS REFRACTORY GLASSES BASED ON THE Ni-(Cu)-Ti(-Zr)-Al ALLOY SYSTEM



(a)



(b)

(57) Abstract: Bulk amorphous alloys based on quaternary Ni-Zr-Ti-Al alloy system, and the extension of this quaternary system to higher order alloys by the addition of one or more alloying elements, methods of casting such alloys, and articles made of such alloys are provided.



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